

秘書長報告 2008/2009



建基於會員多年來努力奠下的穩健基礎，二零零八/二零零九年度是學會穩步向前和鞏固會務的一年。作為工程專業團體，我們致力在資歷評核及舉辦學術活動兩項主要服務之間取得平衡。於二零零九年一月舉行的退修會議，乃學會首次大型集思活動，會上制定的策略，擬訂出學會未來的角色及發展方向。為迎接瞬息萬變的世界所帶來的挑戰，學會於過去一年籌辦了多項大型活動，本人欣然與各位分享我們努力的成果。

學會積極舉辦的各項推廣活動，吸引了不少有志成為工程師的人士加入學會。本年度，會員人數錄得穩定增長，新會員合共達一千零六十一人，當中仍以學生會員人數佔最多，達會員增幅的百分之六十四。

會員人數的增長實在有賴於二零零九年五月在香港專業教育學院(青衣分校)、香港中文大學及香港城市大學分別成立的新學生分部。學會的目標是在本港各大專院校成立八個學生分部，而現時已成立了六個，預計在下年度將成立餘下的兩個分部。學會亦已計劃增撥款項，支援海外分部籌辦活動，藉以在海外院校推廣香港形象及招募學生會員。

為進一步拓展現有的學校大使計劃，我們參加了教育局舉辦的商校合作計劃，並在中學及大專院校舉辦了約五十場職業及專題講座，吸引逾六千四百四十名學生參與。隨著學會為學生提供更多接觸年輕工程師的機會，他們對工程界得以有更深入的認識，我們對此深感欣慰。

學會於本年度進行了兩次成效為本的評審研習會，以確保會員質素。同時，為配合華盛頓協議之最新發展，經修訂的工程學位課程評審準則已與現有評審準則並行實施。學會亦成立了兩個工作小組，以檢討計算機科學學位課程、高級文憑及同等課程的評審準則，為二零一二年推行的「334」新學制作好準備。

要維持工程界的高度專業水平，學會認為關鍵在於協助會員不斷吸收新知識及提升專業技能，促使他們在專業領域上取得進步。本年度，學會與十六間認可持續專業進修課程主辦機構，合辦了超過一百九十個課程，內容涵蓋層面廣泛，包括職業安全、健康以至技術事宜。學會亦於二零零八年推行全新審查機制，檢查會員有否遵守持續專業進修的規定，以確保每一位法定會員完成每年五個持續專業進修日的最低要求。

此外，學會在工程畢業生培訓計劃(簡稱「A」計劃)方面的發展亦令人鼓舞。學會於去年首次准許工程公司同時提供消防界別及屋宇裝備界別的培訓，而年內，亦共有一百八十個機構獲批准加入培訓計劃，令註冊學員人數增加了百分之八點五六。學會日後將籌辦更多大型研討會及校園展覽，向有意參與「A」計劃的公司及畢業生作進一步推廣。

作為本港的專業團體，學會有責任為香港的可持續發展出一分力。學會於本年度多次獲各政府部門及外界組織邀請，參與制定政策，並就有關技術事宜提供意見及建議。在二零零八年九月，學會舉行了港深珠通道簡報會。同時，學會亦就二零零八年施政報告舉辦論壇，並於論壇後向政府提交相關建議。此外，我們亦向財政司司長提出對二零零九年及二零一零年度的財政預算案的意見。學會於年內共向立法會提交了七份政策建議文件/覆函，當中包括我們對基建發展、環保及其他工程事宜的看法。

建基香港，放眼遠望，學會一直努力加強與內地合作。故此，學會籌辦了首屆中國院士論壇，並有幸邀請到中國工程院常務副院長潘雲鶴教授蒞臨，就中國現代工程師的培訓發表演說。該論壇提供了一個寶貴的平台，讓與會人士就如何培育廿一世紀年輕工程師進行交流。

學會作為工程專業的代表，定當不遺餘力地推廣業界的形象。為加強學會與社區的交流，公共關係事務委員會曾邀請油尖旺區議員於二零零九年六月訪問學會。公眾服務事務委員會亦主動更新有興趣參與十八區區議會事務的會員名單，充份顯示會員熱心社區事務。此外，公眾服務事務委員會將繼續透過香港房屋協會轄下的物業管理諮詢中心，就樓宇保養事宜向業主或居民免費提供專業意見。

學會分別於二零零八年十月及二零零九年四月舉行有關環境技術及能源技術的新聞發佈會，不但得到傳媒廣泛報道，亦讓公眾掌握相關工程界別的最新發展趨勢。

為加強與公眾的交流，學會一直參與多項公共活動。我們已連續十五年參加於香港會議展覽中心舉行的教育及職業博覽，並於本年度參加了以「工程建明天」為題的職業講座，吸引了三百多名學生踴躍參與。我們亦參與了香港特別行政區成立十一週年慶祝活動之一的「樓宇安全嘉年華」，以及香港理工大學的就業展覽。此外，學會亦是二零零九年全港大專生機械人大賽協辦單位之一。

四川大地震災難於二零零八年五月十二日發生，學會瞬間向災區提供支援，並協助重建工作。除了將會員的捐款第一時間送交中央人民政府駐香港特別行政區聯絡辦公室，學會亦成立了「香港工程師學會四川項目信託基金」。到目前為止，學會不但為基金籌得逾五十萬港元的善款，同時亦為災民提供其他捐助及支援。此外，學會自二零零四/二零零五年度起，已連續五年獲香港社會服務聯會頒發「同心展關懷」標誌，以表揚學會作為企業公民的貢獻。

本年度，不少傑出工程師的成就均獲得表揚。學會很高興頒發香港工程師學會榮譽大獎予李焯芬教授、工程師，以表揚他在工程專業及社會服務方面的卓越成就。另外，朱經武教授不但在科技領域上地位崇高，對教育亦貢獻良多，故獲選為本年度香港工程師學會名譽資深會員。

同時，一眾年輕工程師的表現亦令人留下深刻印象。本年度的傑出青年工程師獎由何詠貞工程師奪得，林錦明工程師則獲頒香港工程師學會青年會員創意獎(組別II)，而陳子健先生及黃錦華先生分別獲得優異獎。

最後，本人謹向會長、執行委員會、理事會、各政策委員會與事務委員會、分部以及界別致謝，感謝他們的支持及指導。此外，本人亦感謝秘書處所有同僚努力不懈地為會員提供優質服務。

阮高馨

秘書長
阮高馨



1 香港工程師學會第三十四屆周年晚宴

2 會長與秘書長、公共關係事務委員會主席及副主席一同主持學會宣傳短片發佈典禮

3 執行委員會北京訪問團

4 油尖旺區議會到訪學會

Secretary's Report 2008/2009



Session 2008/2009 was a year of progress and consolidation for the Institution, capitalising on the solid foundation built over the years by our committed members. As the home for the engineering professionals, we have continued to strive for a balanced provision of our two main streams of services to our members, viz. qualifying and learned society activities. In a retreat meeting held in January 2009, which was a large-scale and first of its kind brain storming session for the HKIE, the Institution charted out its strategies that will shape our future role and development. With a clear focus on meeting the challenges presented in a changing world, the Institution has organised a number of major events in this past year and I am pleased to share with you our key achievements.

Well-planned promotional activities have led to favourable outcomes in attracting prospective engineers to join the Institution. Throughout this Session, we have achieved a steady expansion in membership, with a total of 1,061 new admissions. Student membership remained the largest growth component, which accounted for 64% of the total membership increase.

This expansion of membership was attributed to the successful establishment of new Student Chapters at the Hong Kong Institute of Vocational Education (Tsing Yi), the Chinese University of Hong Kong and City University of Hong Kong in May 2009. There is now a total of six Student Chapters set up in local tertiary institutions and our target is to complete the targeted establishment of all eight Student Chapters in the coming Session. The allocation of additional funding to support activities organised by the Overseas Chapters promoting the image of Hong Kong and student membership in overseas colleges has also been planned.

We also enhanced the existing School Ambassadors Programme by joining the Business-School Partnership Programme (BSPP) organised by the Education Bureau. Around 50 career and school talks were delivered in secondary schools and tertiary institutions addressing more than 6,440 students. More opportunities to meet young engineers were provided to students, and we are delighted to report improvements in their understanding of the engineering profession.

Assuring member quality is a crucial work of the Institution and two Outcomes-based Accreditation workshops were conducted during this Session. To cater for the latest development of the Washington Accord, revised accreditation criteria for engineering degree programmes have been effected in parallel with the existing ones. Two working groups were also formed to review the accreditation criteria for Computer Science programmes, Higher Diploma and equivalent programmes. This will facilitate the implementation of the new "334" education system in 2012.

The Institution believes that the key to maintaining a high standard in the engineering profession is to facilitate members to advance their career through helping them to constantly acquire new knowledge and broaden their skills. During this Session, over 190 courses were co-organised by 16 approved Continuing Professional Development (CPD) course providers on diverse issues from occupational safety to health and technical matters. A new auditing exercise to check individual's compliance with the CPD requirements was also introduced in 2008 to ensure that a minimum undertaking of five CPD days per year is fulfilled by every Corporate Member.

In addition, we received great encouragement in regard to Scheme "A" Training in this past year as we approved companies to provide training schemes in both the Fire and Building Services Disciplines for the first time. Altogether 180 organisations were approved in the period under review, and there was an increase of 8.56% in the number of registered trainees. It is anticipated that more large-scale seminars and on-campus exhibitions will be organised in future to promote Scheme "A" Training to interested companies and graduates.

Being a professional body in Hong Kong, the Institution is fully aware of its responsibility to contribute to the development of a sustainable society in Hong Kong. We were invited to participate in policy formulation by Government departments and external organisations by sharing our views and suggestions on technical subjects. A briefing session on Hong Kong-Shenzhen-Zhuhai Corridor was held in September 2008. The HKIE Forum on Policy Address 2008 was held with subsequent submission of recommendations to the Government, and we also gave our opinions to the Financial Secretary concerning the Budget 2009/2010. A total of seven Legislative Council submissions/reply letters were presented, covering our views on infrastructural developments, environmental protection and other diverse engineering issues.

Looking beyond Hong Kong, efforts have been made to foster deeper collaboration with the Mainland. The first Chinese Academician Forum was organised and we were honoured to have the presence of Prof Pan Yunhe, Vice President of the Chinese Academy of Engineering, to give a talk on modern engineers training in China. The forum provided a valuable platform for participants to exchange views on nurturing young engineers of the 21st century.

Representing the engineering professionals, the Institution has a clear mission to promote a positive image of the profession. The Public Relations Committee has spared no effort in strengthening our communication with the wider community through inviting Yau Tsim Mong District Councillors to visit the Institution in June 2009. A more proactive approach was adopted by the Community Service Committee (CSC) to update the respective HKIE representation list for all 18 District Councils indicating our members' interest in community affairs. Furthermore, CSC has continued to provide free professional advice on building maintenance to property owners or residents through the Property Management Advisory Centers of the Hong Kong Housing Society.

Press conferences on topics related to environmental technology and energy technology were held in October 2008 and April 2009 respectively, both of which received wide media coverage. Technical views on these issues were presented to keep the public abreast of the latest trends in the related engineering disciplines.

To foster a stronger communication with the public, the Institution has been taking part in a number of public activities. It was our 15th year of consecutive participation in the Education and Careers Expo held at the Hong Kong Convention and Exhibition Centre. During the year, the Institution also joined the Careers Seminar with the theme “Engineering Our Future”, which was well received by over 300 students. We also took part in the Building Safety Carnival in commemoration of the 11th anniversary of the HKSAR and the Poly U Job Fair 2009. In addition, the Institution was one of the co-organisers of the Robocon Hong Kong Contest 2009.

In response to the tragic Sichuan Earthquake on 12 May 2008, the Institution undertook to provide relief to the disaster areas and assist in the recovery works. On top of the donations raised from members immediately after the disaster and presented to the Liaison Office of the Central People’s Government in the HKSAR, the HKIE has also set up The HKIE Project Sichuan Trust Fund. Total donations amounting to over HK\$500,000 have been raised so far, in addition to other valuable contributions and generous support offered to the victims. Our acts of corporate citizenship were recognised by the Hong Kong Council of Social Service and we were awarded the Caring Organisation Logo for the 5th consecutive year since 2004/2005.

This year, the achievements of some of our distinguished engineers were recognised. We are pleased to present the HKIE Gold Medal to Ir Prof Lee Chack Fan for his eminent attainments in the engineering profession and community service. Prof Paul Chu was elected the HKIE Honorary Fellow this year for his prominent position in science and contributions in the education arena.

We are also impressed by the potential of many young engineers and the Young Engineer of the Year Award went to Ir Crystal Ho. Ir Alvin Lam was the winner of the HKIE Innovation Awards for Young Members Category II, and the recipients of the Certificate of Merit were Mr Ken Chan and Mr Leo Wong.

In closing, I would like to express my sincere gratitude to the President, the Executive, Council Members, Boards and Committees, Divisions and Disciplines for their unstinting support and collective guidance. I would also like to thank all staff members in the Secretariat for their efforts in delivering quality service to members of the Institution.

Monica YUEN
Secretary



- 1 New Members Reception at the HKIE headquarters
- 2 Visit from the Institution of Engineering and Technology
- 3 The Student Prize Presentation Ceremony
- 4 The HKIE has participated in the Education and Career Expo for 15 consecutive years